



**Fizz, Boom,
READY for Summer
Reading:
The 2014
Texas Summer Reading
Children's and
Early Literacy Programs**

January 29, 2014

Presented by Kim Lehman

Explode

with

Ideas



Welcome to the SRP!

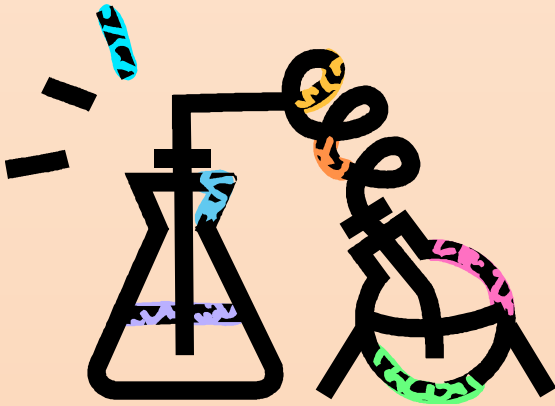


Tracy
Esther
Dianne – Potttsboro
Karla
Julissa
Susan
Kayti
Gloria

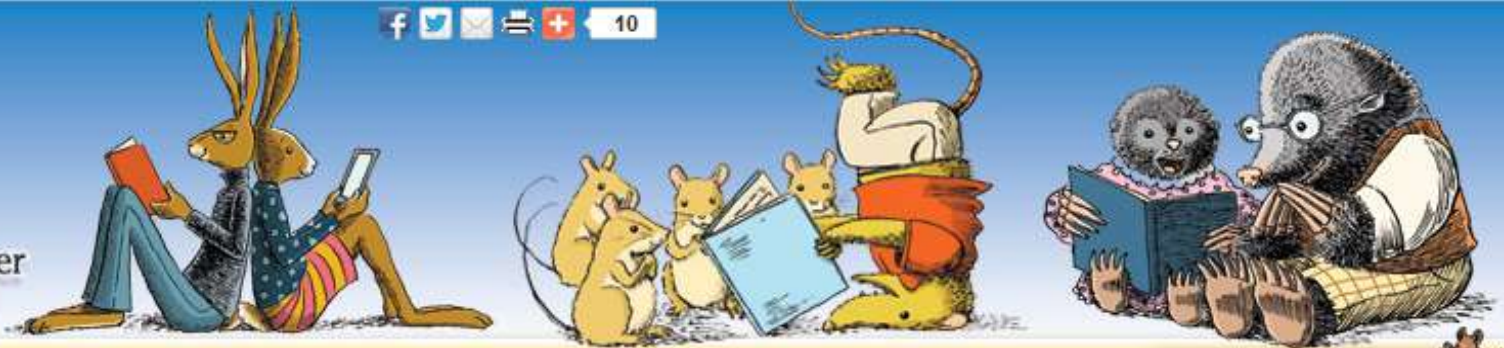
SRP Experts

Dyan – 15 years
Marilu – 13 years
Debra- 15 years
Donna – 20 years
Nita – 26 years
Dixie – 23 years

The next hour...



- Programming Ideas
Children's Manual
Early Literacy Manual
- Resources



The Collaborative Summer Library Program

Children's Manual

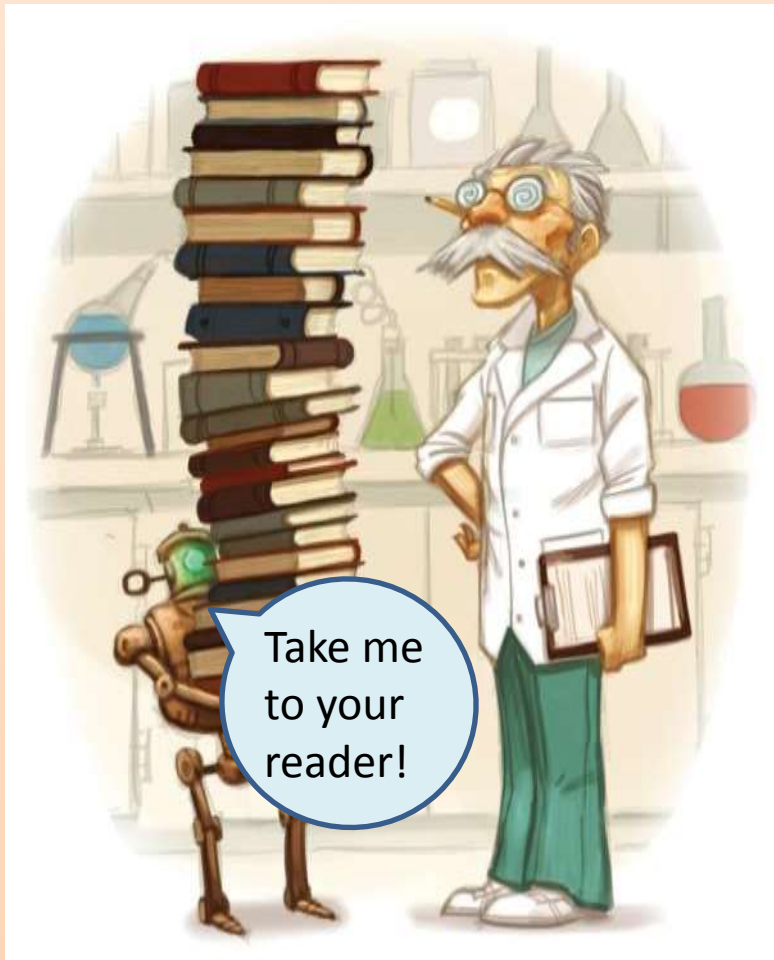
- **Patti Sinclair, Editor**
- Diane Findlay
- Anne Horjus
- Anne LeMay
- Patti Sinclair
- Amanda Struckmeyer

Early Literacy Manual

- **Patti Sinclair, Editor**
- Kapila S. Love
- Sarah Northshield

<http://www.csllpreads.org/>

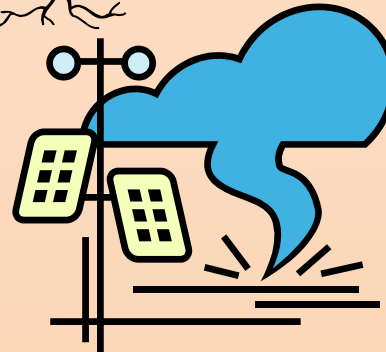
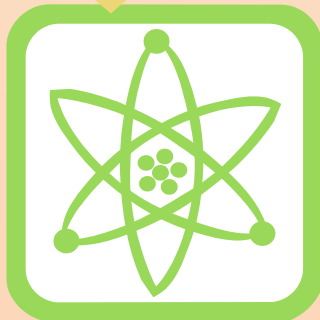
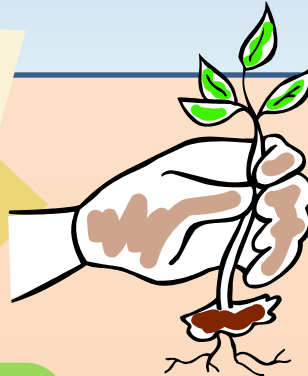
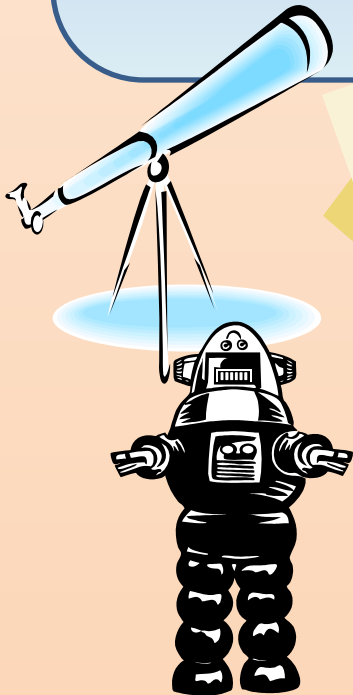
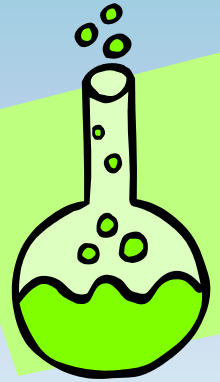
Illustrator



Dan Santat

STEM

What areas of science are you most interested in?



Children's Chapter 3 – UR Curious?

Experiment: Salt and Pepper

– Science concept:

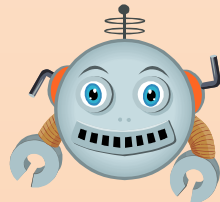
Static electricity—opposites attract



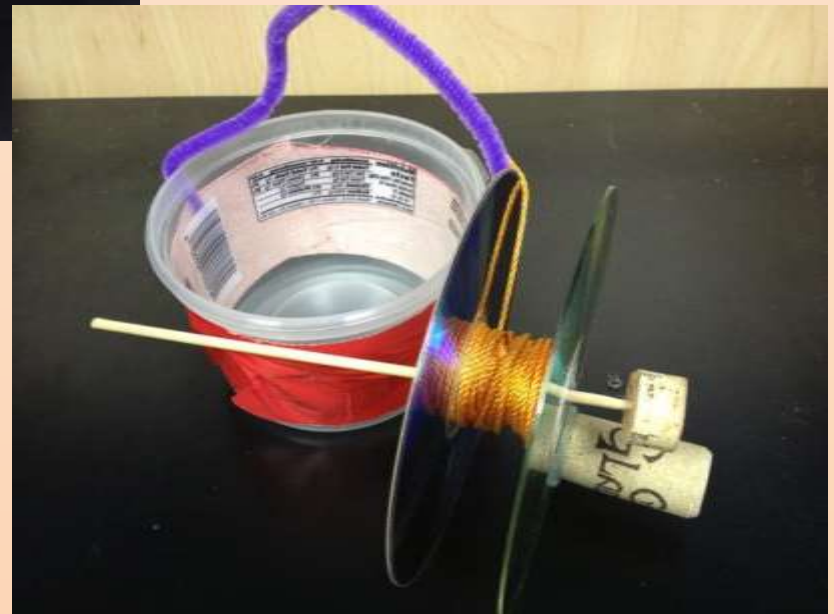
Activity/Craft: Simple Machines

“Lazy Irene Watched Polly Work Steadily.”

- Lever
- Inclined plane
- Wedge
- Pulley
- Wheel
- Screw

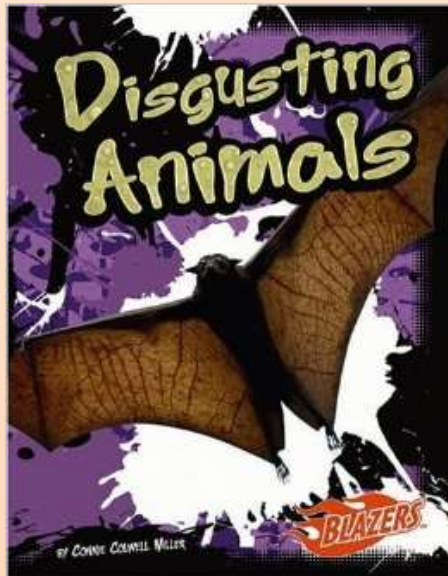


**Work smarter,
not harder.**



Grossology! Disgusting Animals

- Gross-O-Meter

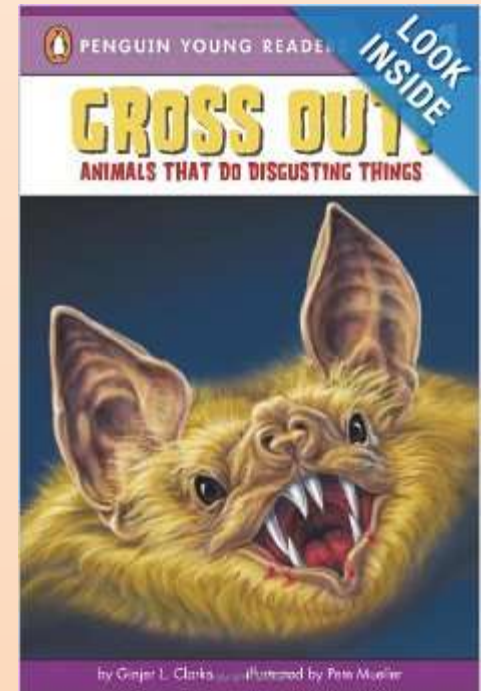


Connie Miller

- 1 - Hagfish
- 2 - Horned Lizard
- 3 - Water-Holding Frogs
- 4 - Vultures

Which animal do you
think is the most
disgusting?

POLL TIME



Ginger Clarke

Craft: Make Fake Snot

- **Large quantities:**
 - Glue and water
1 to 1 ration
 - Borax and water
1 T borax
for every
cup of water



Activity: Einstein's Megatronic Cosmic Café



Einstein's Megatronic Cosmic Café

1. Madame Curie's Brew (*Juice*)
2. Newton's Apple (*Maraschino cherries*)
3. Salk's Nectar (*Gogurt®*)
4. Ben's Lightning Rod (*Spoon*)
5. Tesla Coil (*Knot-like pretzels*)
6. Archimedes' Pulley (*String cheese*)
7. Absolute Zero (*Jello*)
8. Quark Soup (*Pudding*)
9. Rechargeable Batteries (*Small carrots*)
10. Petrie Dish (*Pizza*)
11. Proton Pie (*Oreo cookie*)
12. Test Tube (*Fork*)
13. Test Strip (*Fruit roll-up*)
14. Helium (*Water*)

Chapter 4 – Fizz, Boom, Pop

- Craft: Summer Snowstorms



Experiment: Belch Model

- Vinegar
- Baking soda
- Balloon
- Funnel
- Dish pan



- Extra: [Chemistry Rocket](#)

Does It Float?

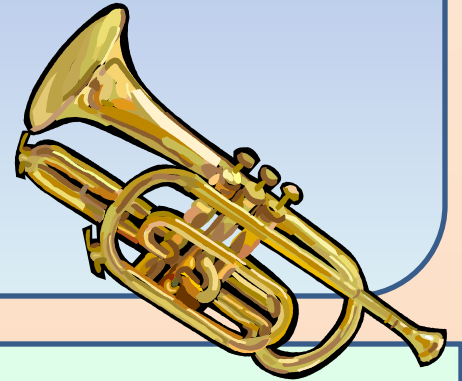


Experiment: Breaking the Tension

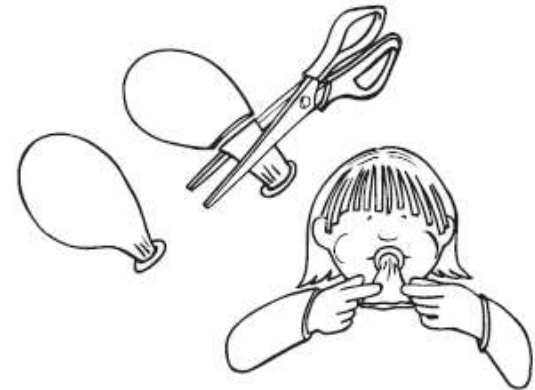
- [Pepper Experiment](#)
- Extra: Color Changing Milk
 - [Steve Spangler](#)
 - [Experiment plus explanation](#)



CHAPTER 5 – Science and the Arts

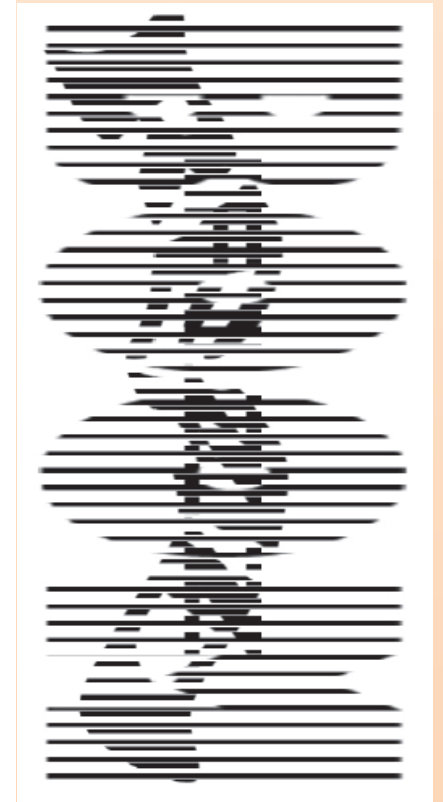
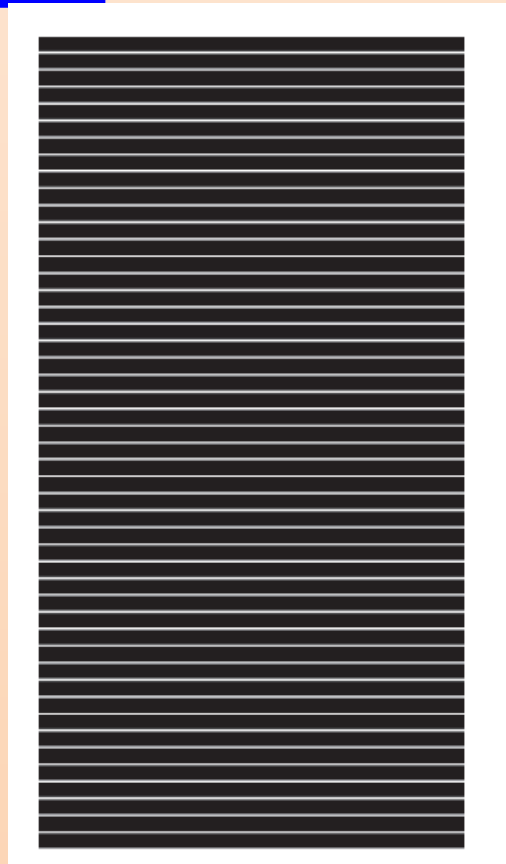
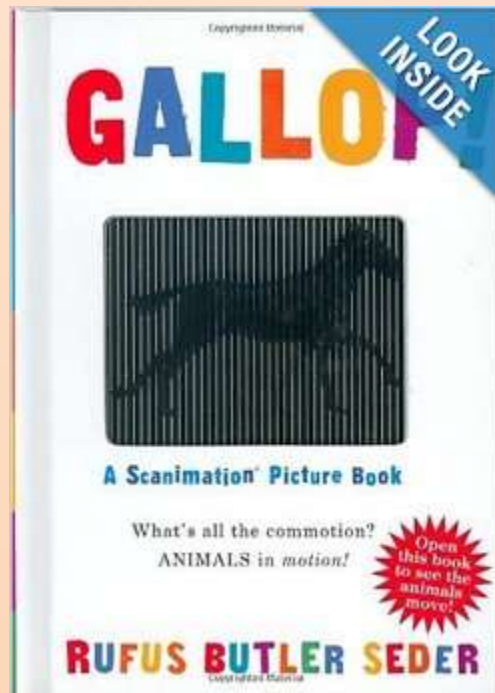


- **Activity: Organize an Instrument Petting Zoo**
- **Craft: Funny Instrument**



Craft: Make Your Own Scanimation

- Rufus Butler Seder



CHAPTER 6

Techno Fun

- Craft: Make a String Telephone



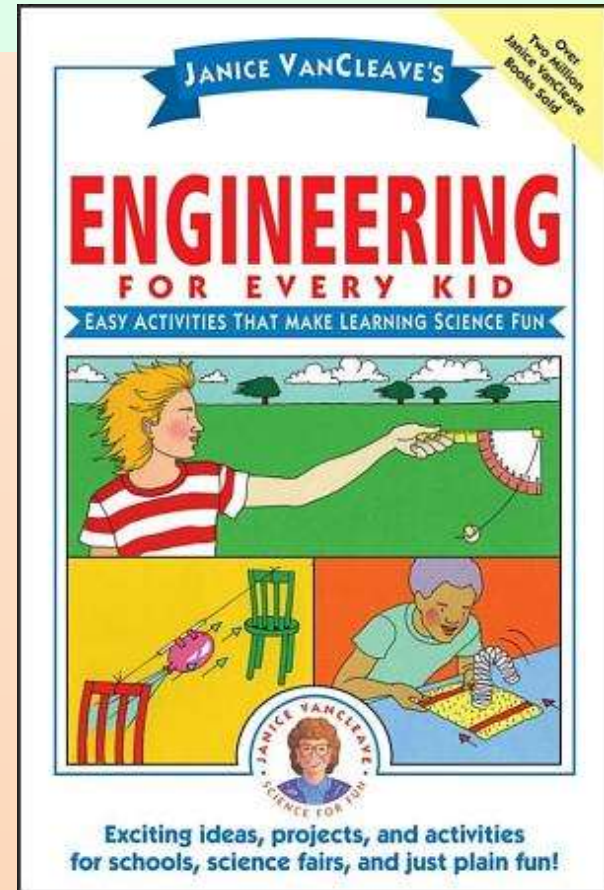
Craft: CD Scrapbook



Build It! Engineering and Construction

- Make Straw Towers
- Build it! Tower Building

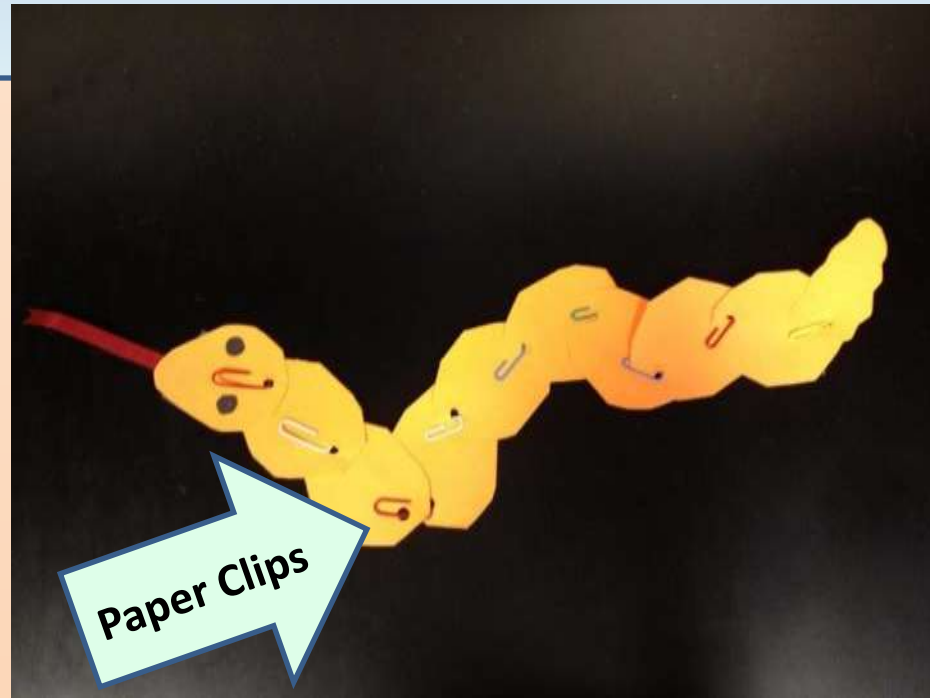
Engineering for Every Kid
by Janice VanCleave



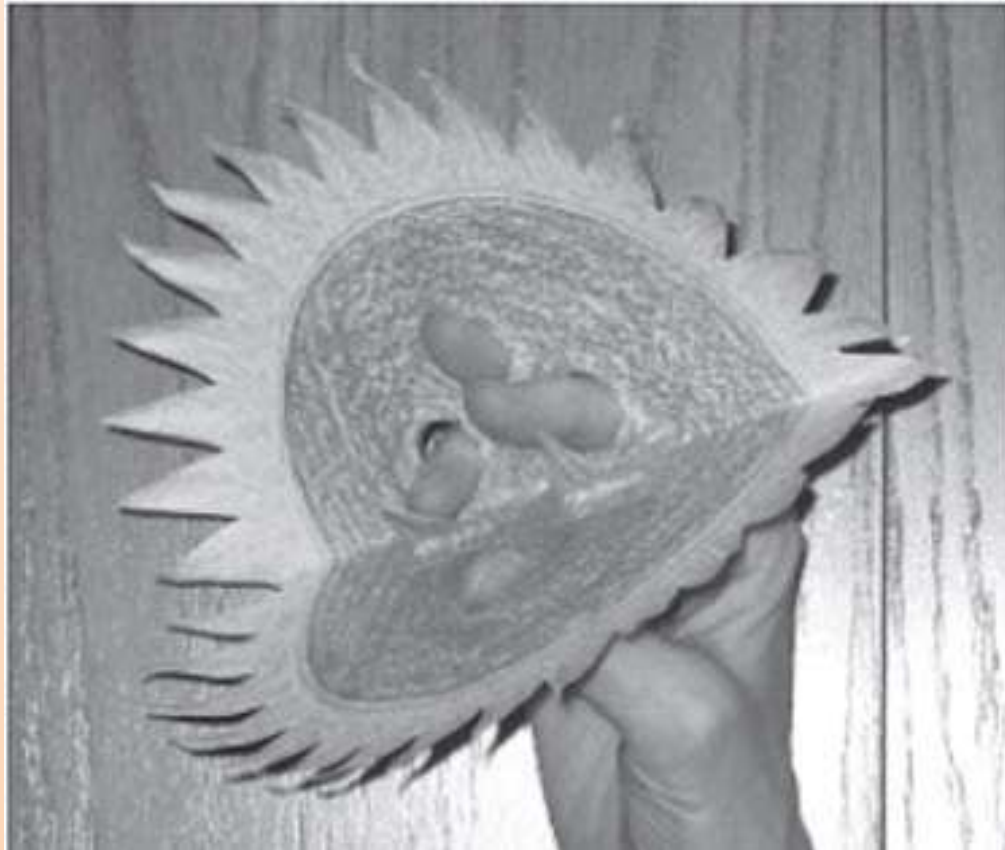
Chapter 7 – It's Alive!

Biological Science

- Craft:
Wiggly
Snakes



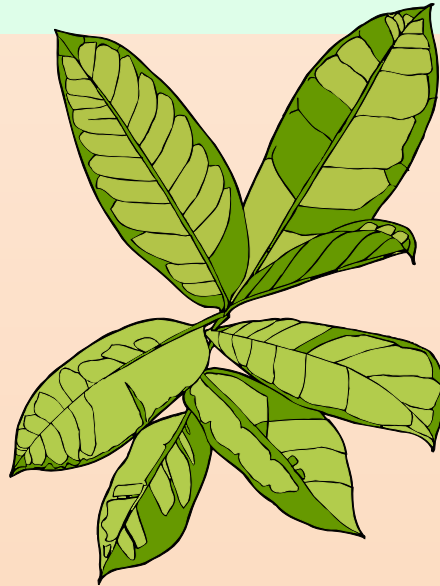
Carnivorous Plants





Floral Funnies

What kind of
flower grows
on your face?
Tulips!



What has no
fingers, but
many rings?
A tree!

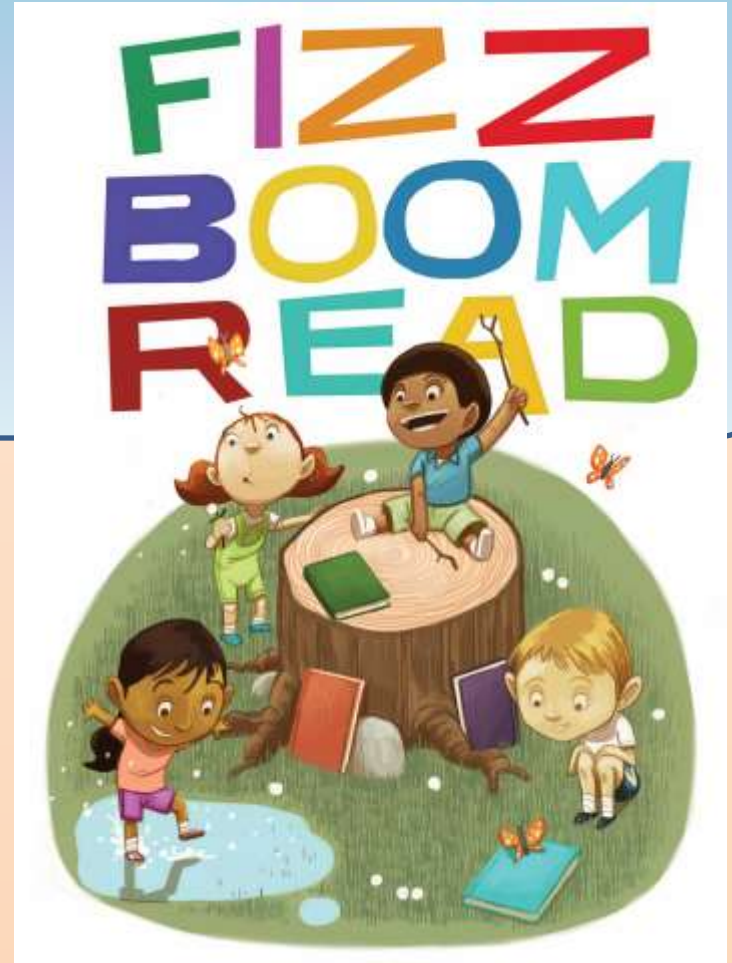
How do trees get on the Internet?



They log in!

Early Literacy Manual

- Color/Light
- Weather/Meteorology
- Animals and Plants/Biology
- Shapes and Numbers/Math
- Sound/Music
- Movement/Kinetics
- Water/Hydrology
- Senses/Perception





Early Literacy

Color/Light

- Mary Wore Her Red Dress

Mary wore her red dress
Red dress, red dress
Mary wore her red dress,
All day long

- Tissue Paper Watercolor



Early Literacy



Weather/ Meteorology

Original Japanese lyrics:

Teru-teru-bozu, teru bozu
Ashita tenki ni shite o-kure
Itsuka no yume no sora no yo ni
Haretara kin no suzu ageyo

English translation:

Teru-teru-bozu, teru bozu
Do make tomorrow a sunny day
Like the sky in a dream sometime
If it's sunny I'll give you a golden bell



[Animation Video](#)

Early Literacy

Animals and Plants/Biology

- CD Greenhouse



Early Literacy

Shapes and Numbers/Math

- Growth Chart

1 foot—armadillo
2 feet—rabbit
3 feet—bear
4 feet—deer
5 feet—horse
6 feet—buffalo

Kelly Burns
Carrollton Public Library

1 foot—armadillo
2 feet—koala
3 feet—penguin
4 feet—gorilla
5 feet—panda
6 feet—kangaroo





Early Literacy

Music/Sound

- Instruments

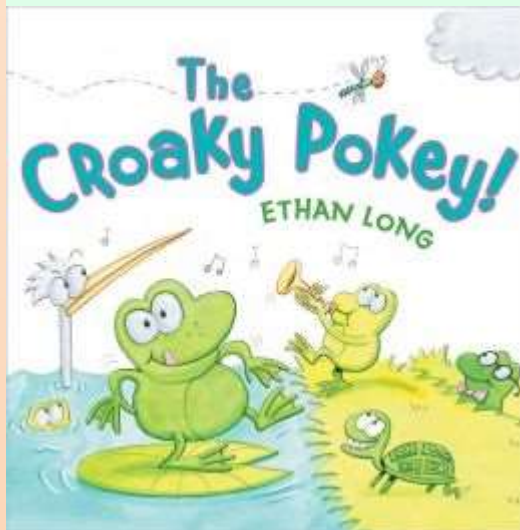




Early Literacy

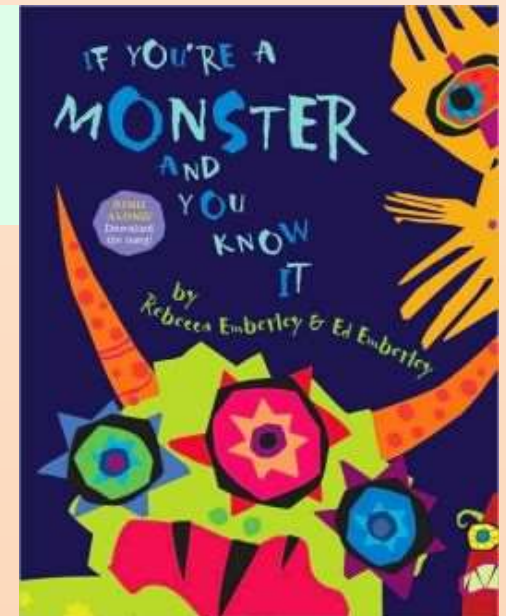
Music/Sound

Book to Share



The Croaky Pokey
by Ethan Long

*If You're a Monster and
You Know It*
by Ed Emberley and Rebecca Emberley



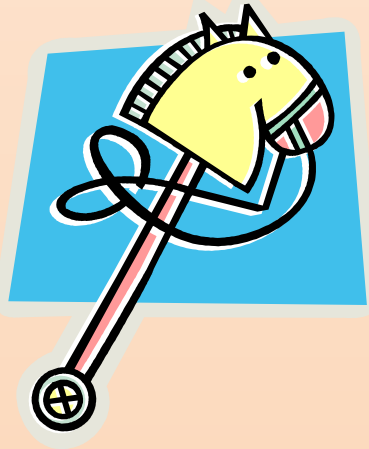
[Monster Puppets](#)



Early Literacy

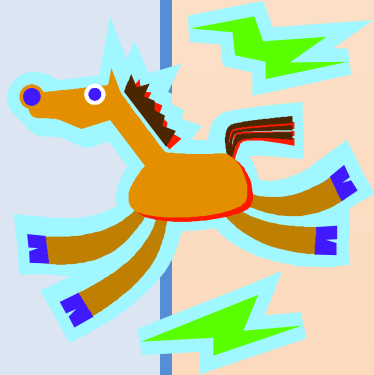
Movement/Kinetics

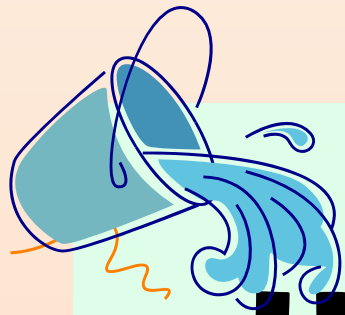
- Trot Trot to Boston



Trot, trot, to Boston
Trot, trot, to Lynn
Watch out, little baby
Or you might fall in!

Trot, trot, to Boston
Trot, trot, to Dover
Watch out, little baby
Or you might fall over!

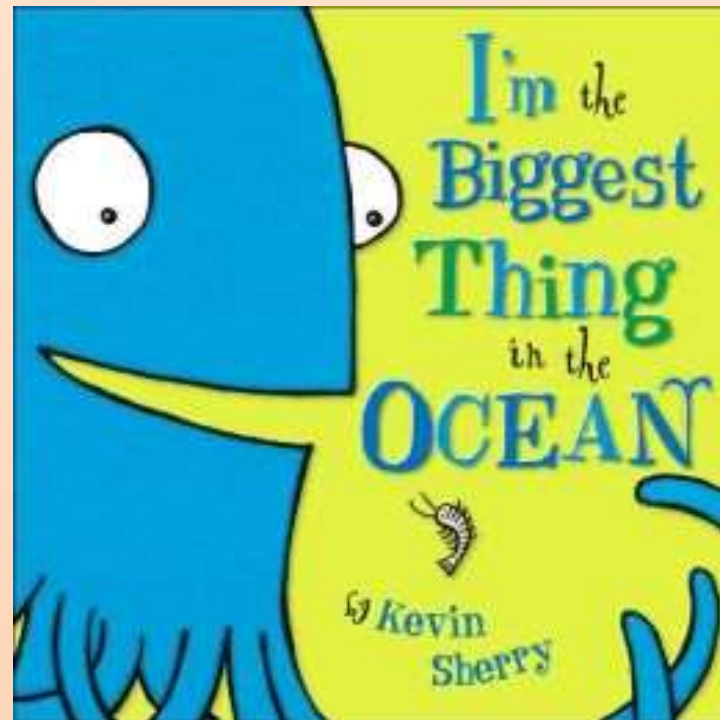
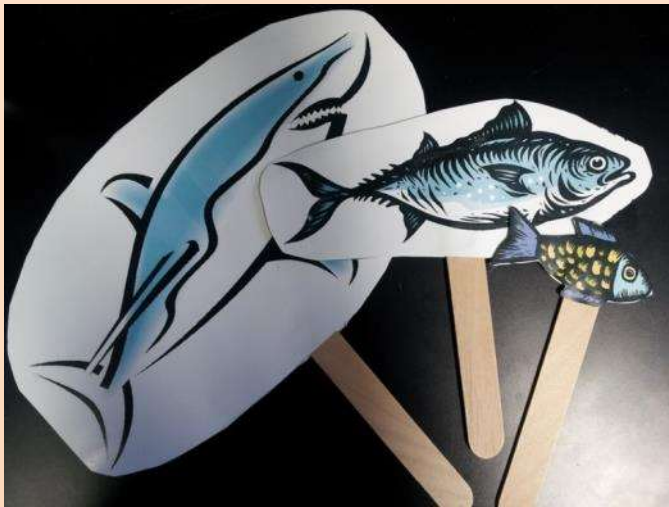




Early Literacy

Water/Hydrology

- Slippery Fish



Early Literacy

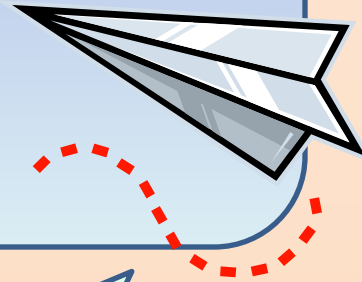
Senses/Perception

- 5 Senses Puppets

We use five senses every day
To help us learn and play.
See, hear, smell, touch, taste
See, hear, smell, touch, taste
See, hear, smell, touch, taste
We use these every day.

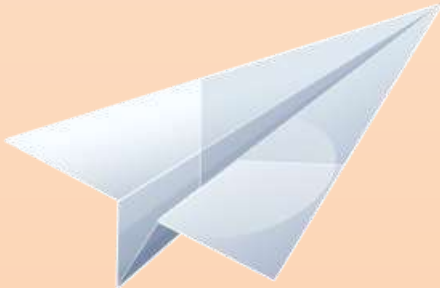


Aerodynamics and Flying Things



Extra Stuff

Crafts



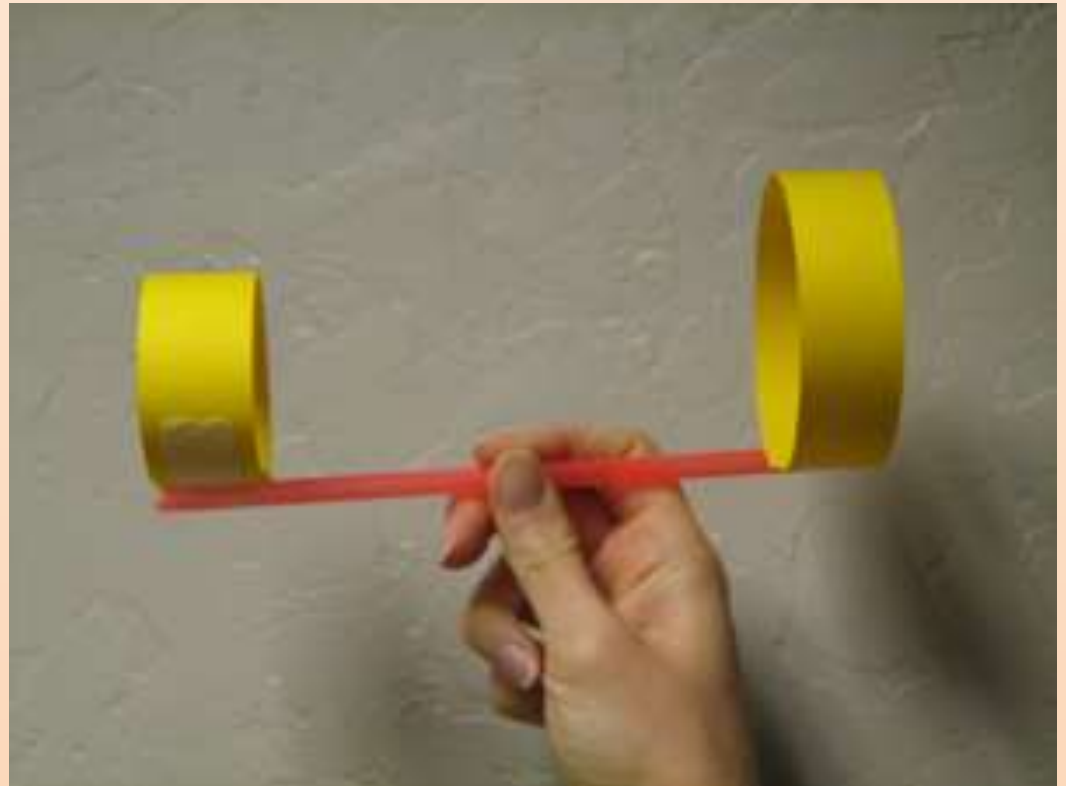
Children's Manual

- Chapter 4
Paper Airplane Building and Flight School
- Chapter 5
Activity: Paper Airplane Festival

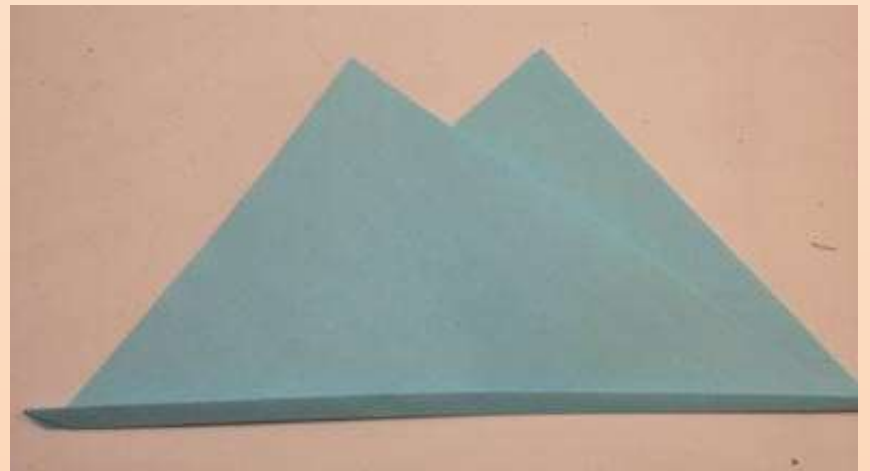
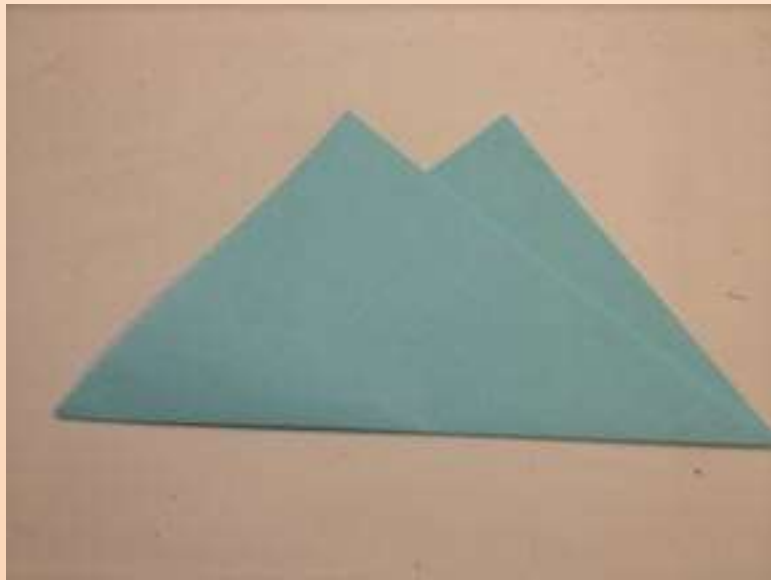
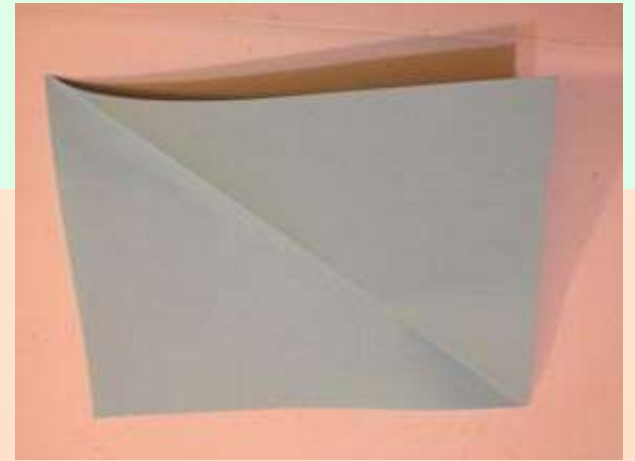
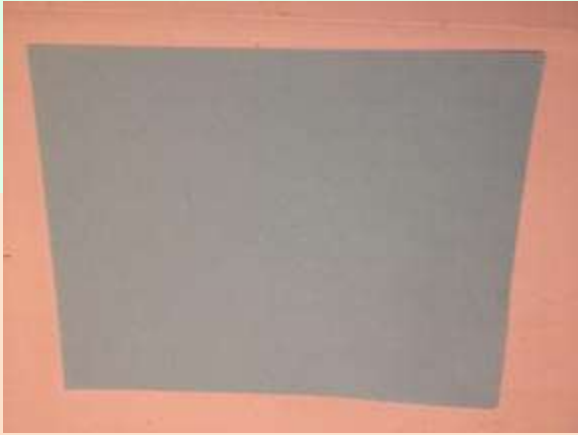
Hoop Glider

Hoop Glider

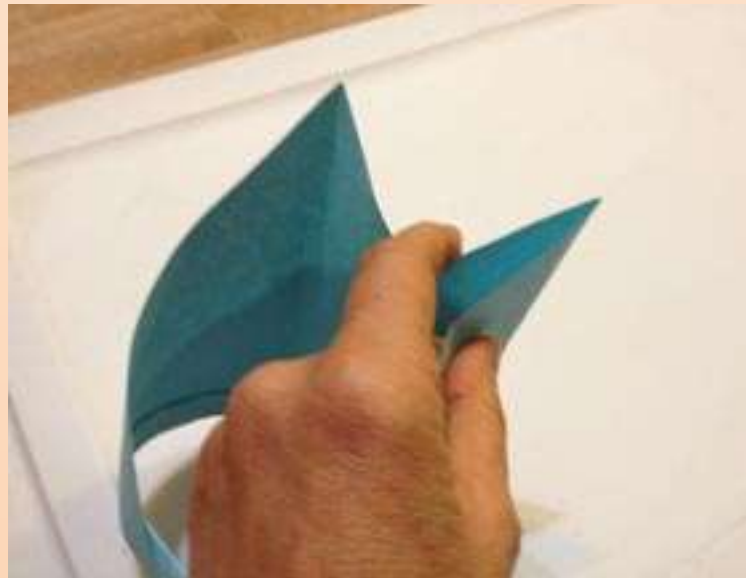
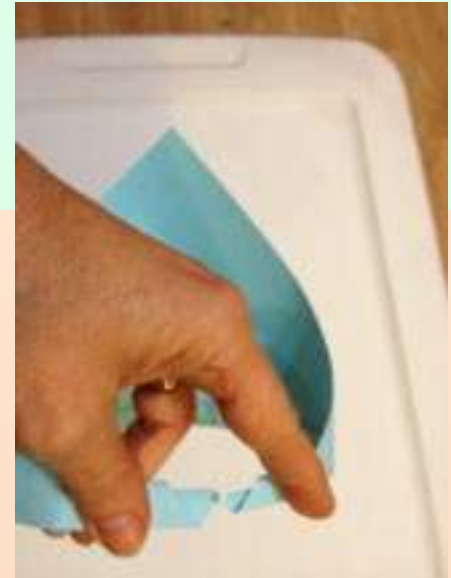
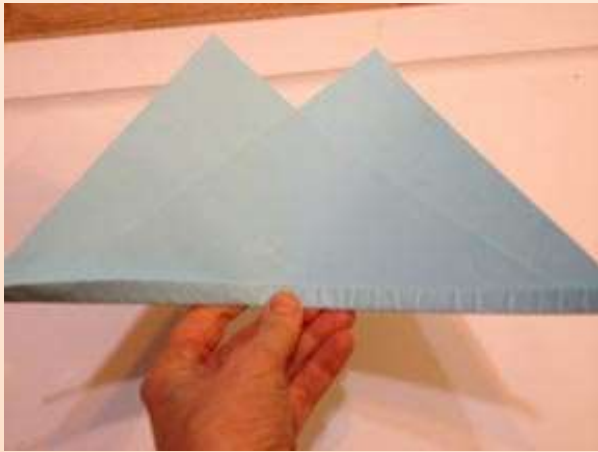
- Paper strips
- Straw
- Paper clips



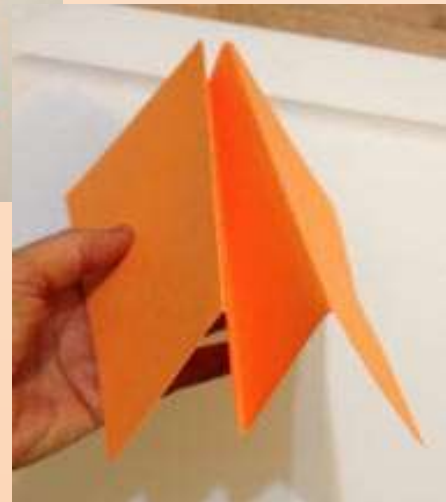
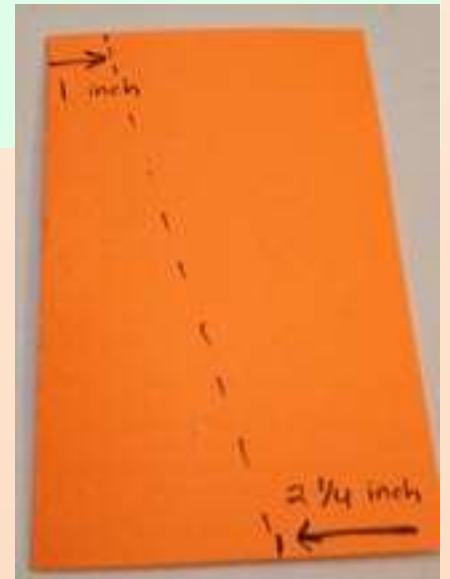
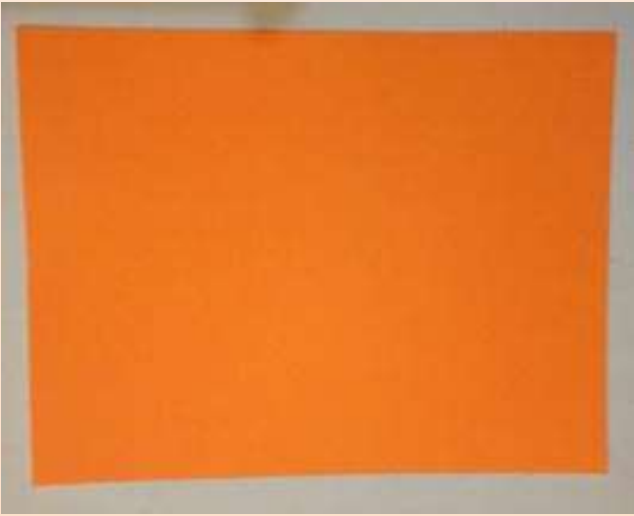
Glider



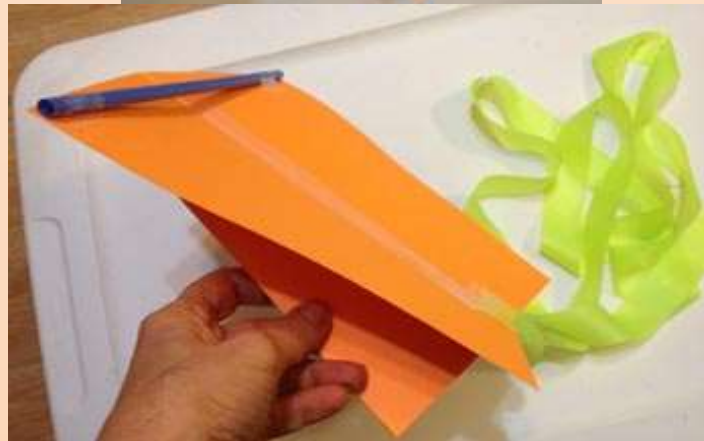
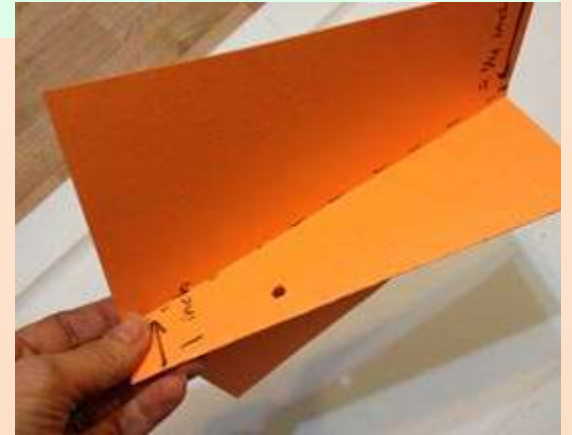
Glider



Kite



Kite



Science Presenters



- Agriculture extension office
- Astronomy groups
- Auto mechanic
- Beekeepers
- City departments
- Civil engineer
- Clinics/Hospitals
- Community colleges, Universities
- Computer science
- Bakers
- County Extension Office
- Dentist
- Doctors, nurse practitioners
- Eagle Scout Project
- Garden Clubs
- High Schools – robotic groups
- Meteorologist
- Model plane organizations
- Museums
- Musicians
- Police Department
- Robotic Clubs
- Rock collectors
- Rotary club
- Science teachers
- VFW's



Resources

[Steve Spangler Science](#)

[Educational Innovations](#)

[Exploratorium](#)

[How to Smile](#)

Over 3500 Science and Math Activities

It was voted one of this year's Top 100 Educational Websites by Homeschool.com, which has more than a million members.

[Amazing Science Resources from Wilsonville Library](#)

[Sparkle Box](#)

[Make a Human Skeleton Cut Out](#)



Questions? Ideas?

Texas Library Association Convention
Friday, April 11 at 10:00
50 STEM Programs in 50 Minutes

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Happy Summer



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